Phage HER 213

HER number
213

Identification

Name	*Morphotype*	*Other designations*	
I2-2	F1		

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Monodnaviria	*Loebvirae*	*Hofneiviricota*	*Faserviricetes*
Order	*Family*	*Genus*	*Species*
Tubulavirales	*Inoviridae*	*Lineavirus*	*Lineavirus I22*

Images

Electron Micrograph

Image

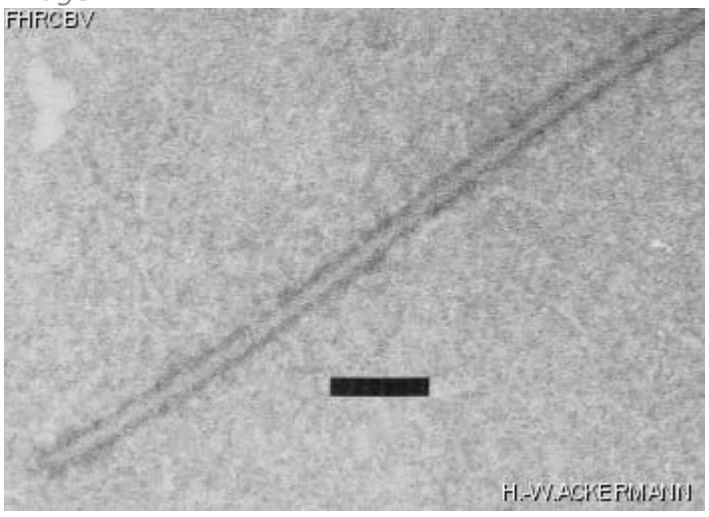


Image description
Magnification: 92,400X
Bar: 100 nm
Staining: UA

Characteristics

Plaques: <0.1mm, veiled.
Filamentous phage serologically related to phage Ike.
Marked variation in length.
Adsorbs to tips of IncI2 plasmid-encoded pili.
Alternative host : *S. thyphimurium* M827-2(R721pilC).
Plasmid R721pilC is a derivative of plasmid R721 which produces pili constitutively.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1213

Reference

1974. J. Med. Microbiol. 7:169-177.
Coetzee, J.N., D.E. Bradley, and R.W. Hedges. 1982. Phages Ia and I2-2: IncI plasmid-dependant bacteriophages. J. Gen. Microbiol. 128:2797-2804.

Remarks

History

History

Received from	**Date**
J. Schell-M. van Montagu Laboratorium voor Genetika Ledeganckstraat 35 B-9000 Gent, Belgium	10-17-1983
Received from	**Date**
J.N. Coetzee Institute for Pathology, P.O. Box 2034 Pretoria 0001, South Africa	
Isolated by	**Date**
J.N. Coetzee Pretoria, South Africa	

Source

Sewage

Updated at

2024-01-16